

Active Recombinant Mouse Snca protein, His-tagged

Cat. No. Snca-5826M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Snca protein(Met 1 - Ala 140), fused with His tag, was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	Met 1 - Ala 140
Form	Lyophilized from 0.22 µm filtered solution in 100 mM NaAC, pH7.0 with trehalose as protectant.
Bio-activity	Immobilized Mouse Alpha-Synuclein, His Tag at 1 µg/mL (100 µL/well) can bind Anti-Synucelin alpha/beta Monoclonal Antibody with a linear range of 0.004-0.25 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 16.4 kDa. The protein migrates as 19-21 kDa under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage

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at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Snca synuclein, alpha \[Mus musculus \]](#)

Official Symbol [Snca](#)

Synonyms SNCA; synuclein, alpha; alpha-synuclein; alpha SYN; non-A4 component of amyloid; non-A beta component of AD amyloid; NACP; alphaSYN;

Gene ID [20617](#)

mRNA Refseq [NM_001042451](#)

Protein Refseq [NP_001035916](#)

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